

Appl. No. : 08/841,847
Filed : May 5, 1997

perfluorodimethylcyclopentane, perfluorotrimethylcyclobutane, perfluorotriethylamine and combinations thereof.

109. A microbubble preparation comprising a aqueous medium having dispersed therein a plurality of osmotically stabilized microbubbles, said microbubbles comprising:

72 a generally spherical microbubble membrane containing at least one gas osmotic agent and at least one modifier gas, wherein said gas osmotic agent and said modifier gas are present in a fixed molar ratio effective to stabilize said microbubble preparation, with the proviso that said modifier gas is not water vapor, and wherein said gas osmotic agent comprises the vapor of a compound which is a liquid at 37°C and 760 Torr.

123. (Twice amended) A microbubble preparation comprising a aqueous medium having dispersed therein a plurality of osmotically stabilized microbubbles, said microbubbles comprising:

73 a generally spherical microbubble membrane comprising proteinaceous material containing at least one gas osmotic agent having from about three to about eight carbon atoms and at least one nonfluorocarbon modifier gas, wherein said gas osmotic agent and said modifier gas are present in a fixed molar ratio effective to stabilize said microbubble preparation, with the proviso that said modifier gas is not water vapor.

REMARKS

Claims 62, 66-76, 79-91, 94-126, and 131-154 are presented for prosecution. Claims 62, 109, and 123 have been amended. No new matter has been added and support for the amendments is provided in the original claims and throughout the Specification. For example, support for the amendments can be found at page 9, lines 3-31. Entry of these amendments is respectfully requested.

The United States Patent and Trademark Office (PTO) rejected claims 62, 66-76, 79-91, 94-126, and 131-154 under 35 U.S.C. § 103 as being unpatentable over Lambert et al. (5,552,133), Quay (5,573,751), and Schneider et al. (5,413,774) for reasons of record stated in the Office Action dated December 22, 1998. Applicants respectfully traverse the rejection and request reconsideration of the claims in view of the amendments and remarks herein.